

t66\_rvsum\_1 (TMHaVD-  
wufhtDD2GFL62rHQ868wAJSpCAU12)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $m2\_finseq\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_numbers : \iota$  be given. Let  $k4\_finseq\_2 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k11\_rvsum\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k14\_rvsum\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_finseq\_2 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0.(v7\_ordinal1 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow (\forall X2. \\ & (m2\_finseq\_2 X2 k1\_numbers (k4\_finseq\_2 X0 k1\_numbers)) \Rightarrow (k14\_rvsum\_1 \\ & (k2\_finseq\_2 X0 X1) X2 = k11\_rvsum\_1 X0 X2 X1))) \end{aligned} \tag{1}$$

**Theorem 1**

$$\begin{aligned} & \forall X0.(v7\_ordinal1 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow (\forall X2. \\ & (m2\_finseq\_2 X2 k1\_numbers (k4\_finseq\_2 X0 k1\_numbers)) \Rightarrow (k11\_rvsum\_1 \\ & X0 X2 X1 = k14\_rvsum\_1 (k2\_finseq\_2 X0 X1) X2))) \end{aligned}$$